

CURRENTLY PENDING CLAIMS

1 1. (Currently Amended) A system comprising:
2 a speech recognizer that recognizes spoken requests for television programming
3 information; and
4 an output device that generates responses to spoken requests for television
5 programming information;
6 a module coupled to said recognizer to implement conversational speech; and
7 a graphical user interface which provides information in a visual form about
8 television programming and a voice user interface which responds to voice requests from the
9 user, said graphical user interface and said voice user interface communicating such that the
10 focus of one of said interfaces is communicated to the other.

1 2. (Cancelled)

1 3. (Cancelled)

1 4. (Currently Amended) The system of claim 2 1 including a memory that stores an
2 indication when a attribute recognized by the speech recognizer is spoken by the speech
3 synthesizer.

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1 5. (Currently Amended) The system of claim 2 1 wherein said module produces a
2 select variable and a where variable from a query received from a user.

1 6. (Currently Amended) The system of claim 2 1 wherein said module develops a
2 meaning derived from said speech recognizer and historical information about previously
3 recognized speech and uses the historical information to modify the meaning derived from said
4 speech recognizer.

1 7. (Original) The system of claim 6 wherein said module determines whether a
2 query includes both a first and a second type of variable and if so, does not use the historical
3 information to alter the meaning derived from a the speech recognizer.

1 8. (Original) The system of claim 7 wherein said module determines whether only
2 one of two variable types is contained in a spoken request and if so, merges a variable with
3 historical information to derive a meaning from the request.

1 9. (Previously Amended) The system of claim 2 wherein said module parses and
2 stores time attributes in a request.

B | 1 10. (Original) The system of claim 9 wherein said module forms time attributes with
2 time ranges.

1 11. (Original) The system of claim 1 further including a processor coupled to a
2 speaker and microphone, the output from said speaker being subtracted from the output of said
3 microphone to reduce interference between the audio portion of a television program and a
4 spoken request.

1 12. (Original) The system of claim 1 including a television coupled to a set-top box
2 and a remote control that controls said set-top box.

1 13. (Original) The system of claim 1 wherein said output device is a speech
2 synthesizer that generates voice responses.

1 14. (Currently Amended) A method comprising:
2 recognizing spoken requests for television programming information; and
3 generating responses to spoken requests for television programming information;
4 providing conversational speech recognition; and

5 providing a graphical user interface which generates information in a visual form
6 about television programming and a voice user interface which responds to voice requests from
7 the user, and communicating the focus of one of said interfaces to the other of said interface.

1 15. (Cancelled).

1 16. (Cancelled)

1 17. (Currently Amended) The method of claim 15 14 including storing an indication
2 when a generated response includes a recognized attribute from the spoken request.

b1 1 18. (Currently Amended) The method of claim 15 14 including parsing a select
2 variable and a where variable from a spoken request.

1 19. (Currently Amended) The method of claim 15 14 including storing meanings
2 derived from current and historical requests and using the historical requests to supplement the
3 meaning derived from said current requests..

1 20. (Original) The method of claim 14 including parsing and storing time attributes in
2 a request

1 21. (Original) The method of claim 14 further including subtracting a signal from
2 a television from the input from the use to reduce interference between the audio portion of a
3 television program and a spoken request.

1 22. (Original) The method of claim 14 wherein generating responses includes
2 synthesizing spoken responses.

1 23. (Currently Amended) An article comprising a medium for storing instructions that
2 cause a processor-based system to:
3 recognize spoken requests for television program information; and

4 generate responses to spoken requests for television programming information;
5 provide conversational speech recognition; and
6 provide a graphical user interface which generates information in a visual form
7 about television programming and a voice user interface which responds to voice request from
8 the user, and to indicate the focus of one of said interfaces to the other of said interfaces.

1 24. (Cancelled)

1 25. (Cancelled)

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1 26. (Currently Amended) The article of claim 24 23 further storing instructions that,
2 cause a processor-based system to store an indication when a generated response includes a
3 recognized attribute from the spoken request.

1 27. (Currently Amended) The article of claim 24 23 further storing instructions that,
2 if executed, enable cause a processor-based system to parse a SELECT variable and a WHERE
3 variable from a spoken request.

1 28. (Currently Amended) The article of claim 24 23 further storing instructions that
2 cause a processor-based system to store meanings derived from the current and historical request
3 and use the historical request to supplement the meaning derived from said current request.

1 29. (Original) The article of claim 23 further storing instructions that cause a
2 processor-based system to parse and store time attributes in a request.

1 30. (Original) The article of claim 23 further storing instructions that cause a
2 processor-based system to generate responses to spoken requests by synthesizing spoken
3 responses.